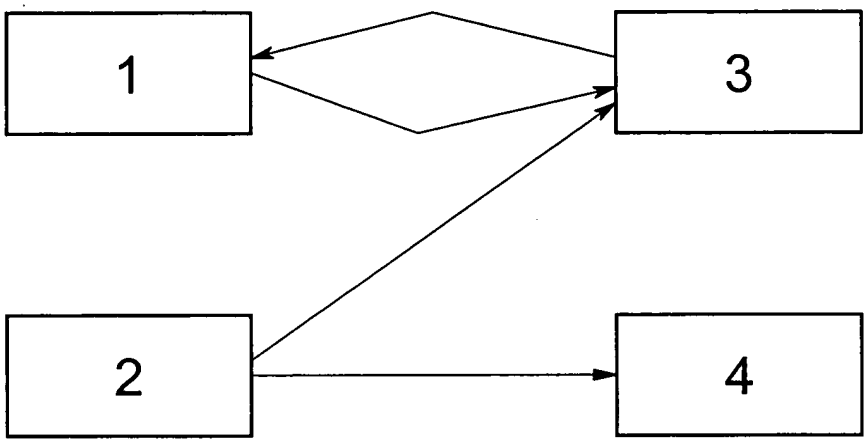

Figure 1
(Prior art)

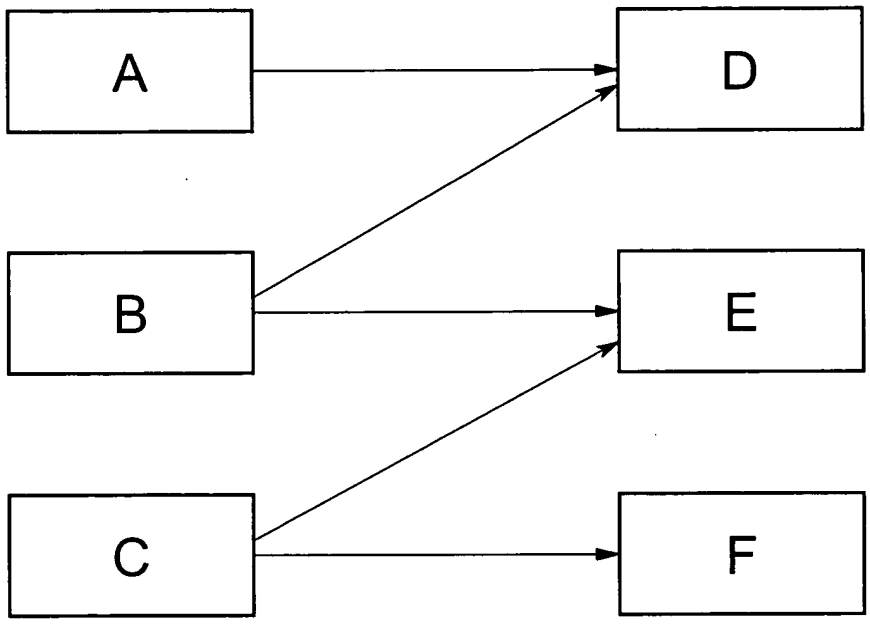

Figure 2

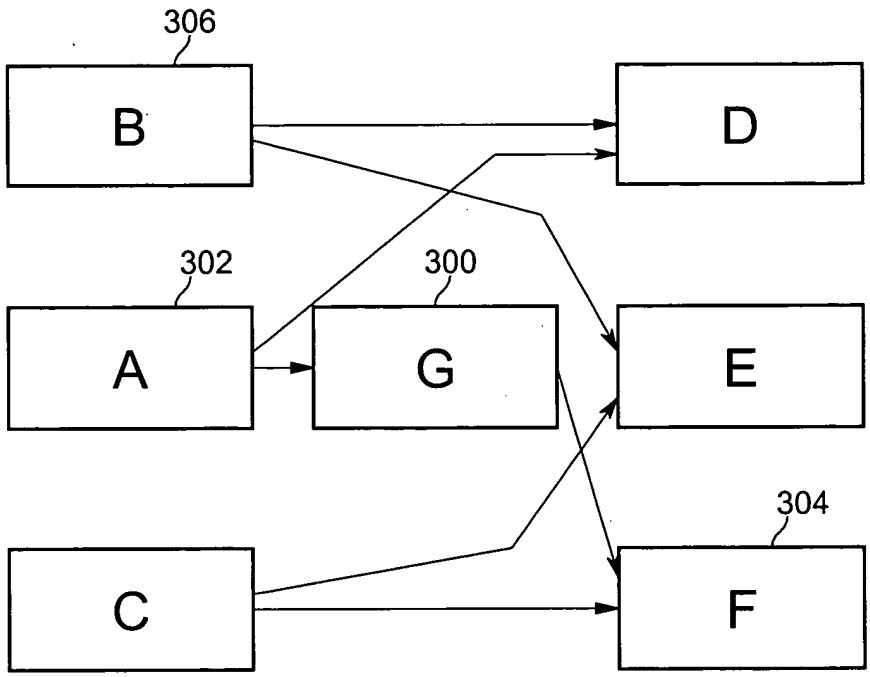

Figure 3

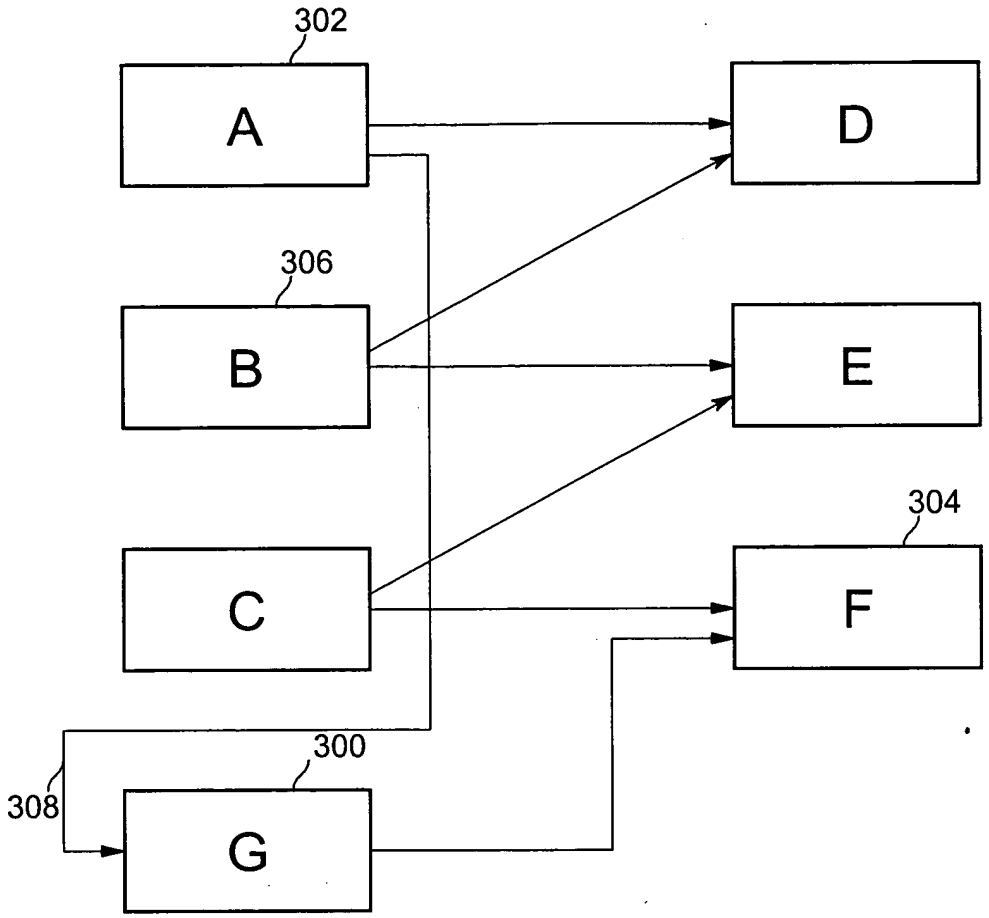

Figure 4

510

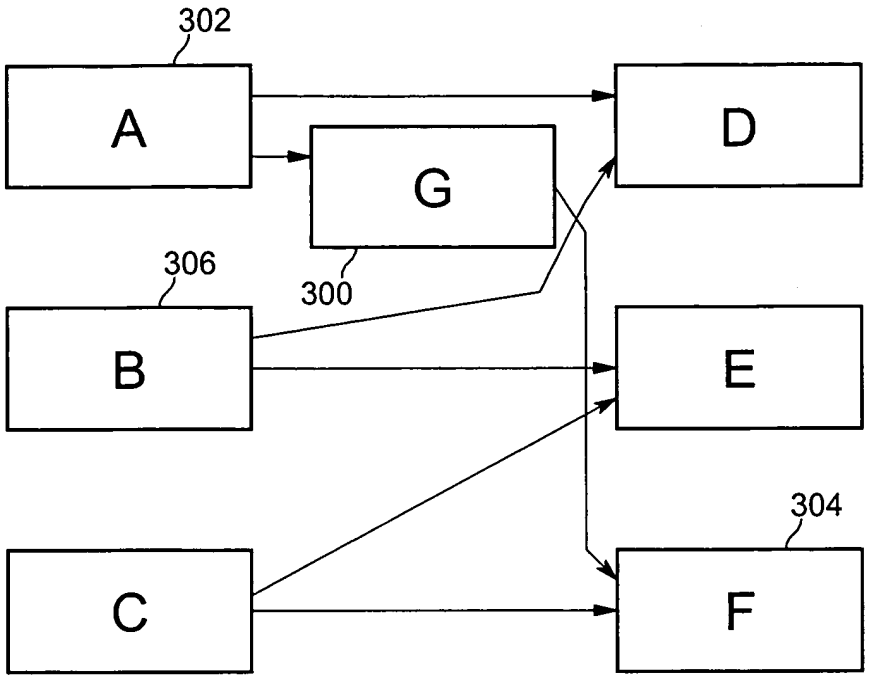

Figure 5

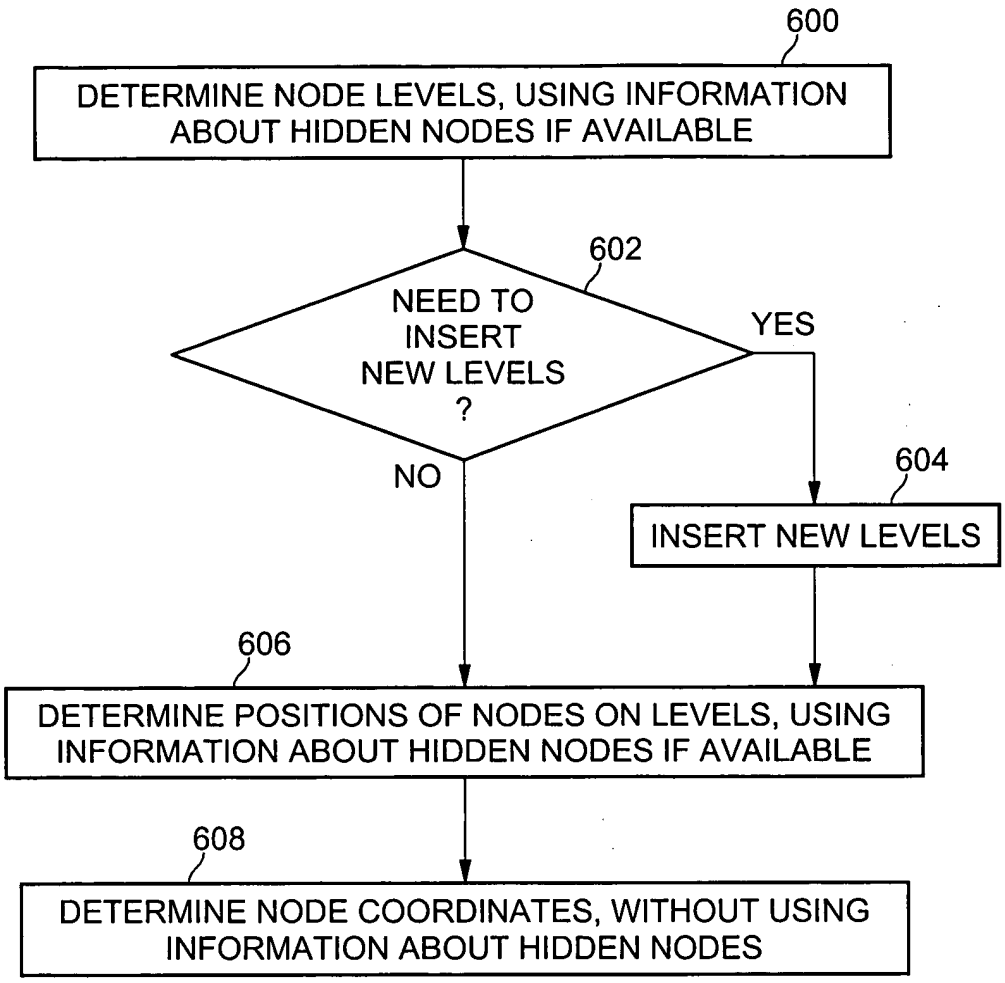
600
DETERMINE NODE LEVELS, USING INFORMATION ABOUT HIDDEN NODES IF AVAILABLE
602
NEED TO INSERT NEW LEVELS ?
YES
NO
604
INSERT NEW LEVELS
606
DETERMINE POSITIONS OF NODES ON LEVELS, USING INFORMATION ABOUT HIDDEN NODES IF AVAILABLE
608
DETERMINE NODE COORDINATES, WITHOUT USING INFORMATION ABOUT HIDDEN NODES

Figure 6

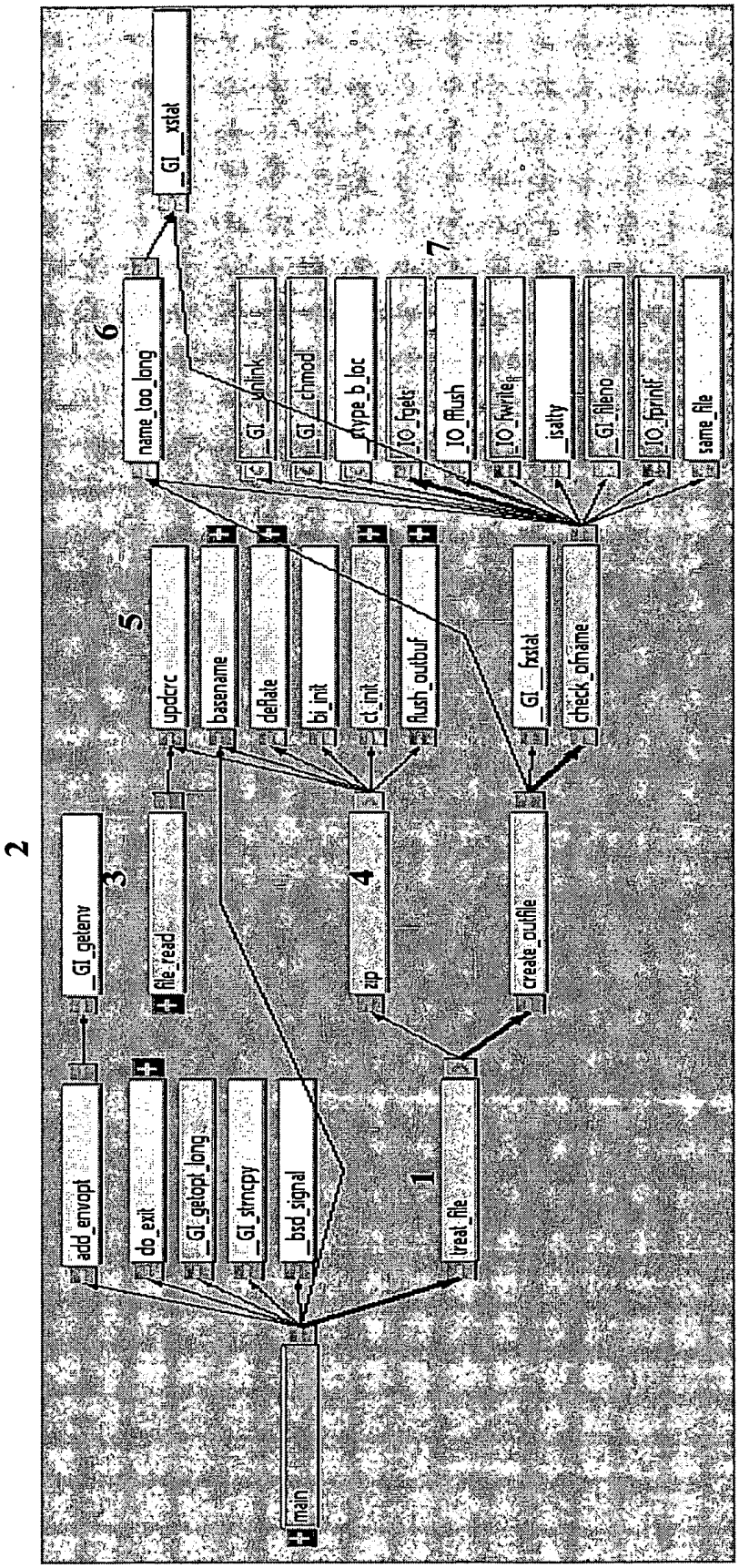
2
1
3
4
5
6
7
main
treat_file
add_envopt
do_exit
__GI_getopt_long
__GI_strncpy
__bsd_signal
__GI_getenv
file_read
zip
create_outfile
updcrc
basename
deflate
bi_init
ct_init
flush_outbuf
__GI__fxstat
check_ofname
name_too_long
__GI_unlink
__GI_chmod
__ctype_b_loc
_IO_fgets
_IO_fflush
_IO_fwrite
isatty
__GI_fileno
_IO_fprintf
same_file
__GI__xstat

Figure 7

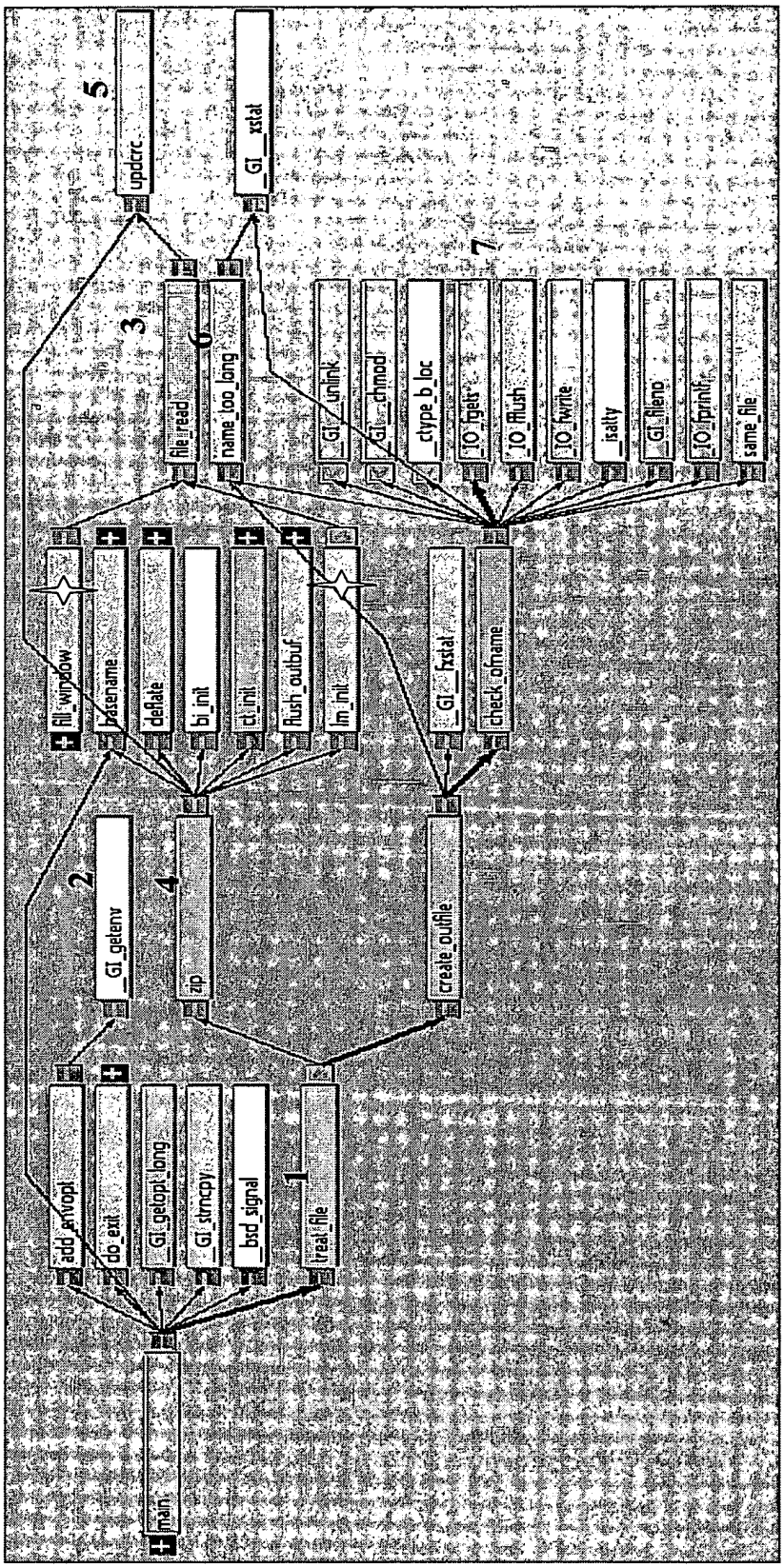
5
updcrc
__GI__xstat
3
6
7
file_read
name_too_long
__GI_unlink
__GI__chmod
_ctype_b_loc
_IO_fgets
_IO_fflush
_IO_fwrite
_isatty
__GI_fileno
_IO_printf
same_file
fill_window
basename
deflate
bi_init
ct_init
flush_outbuf
lm_init
__GI__fxstat
check_ofname
2
4
__GI_getenv
zip
create_outfile
add_envopt
do_exit
__GI_getopt_long
__GI_strncpy
bsd_signal
treat_file
1
main

Figure 8

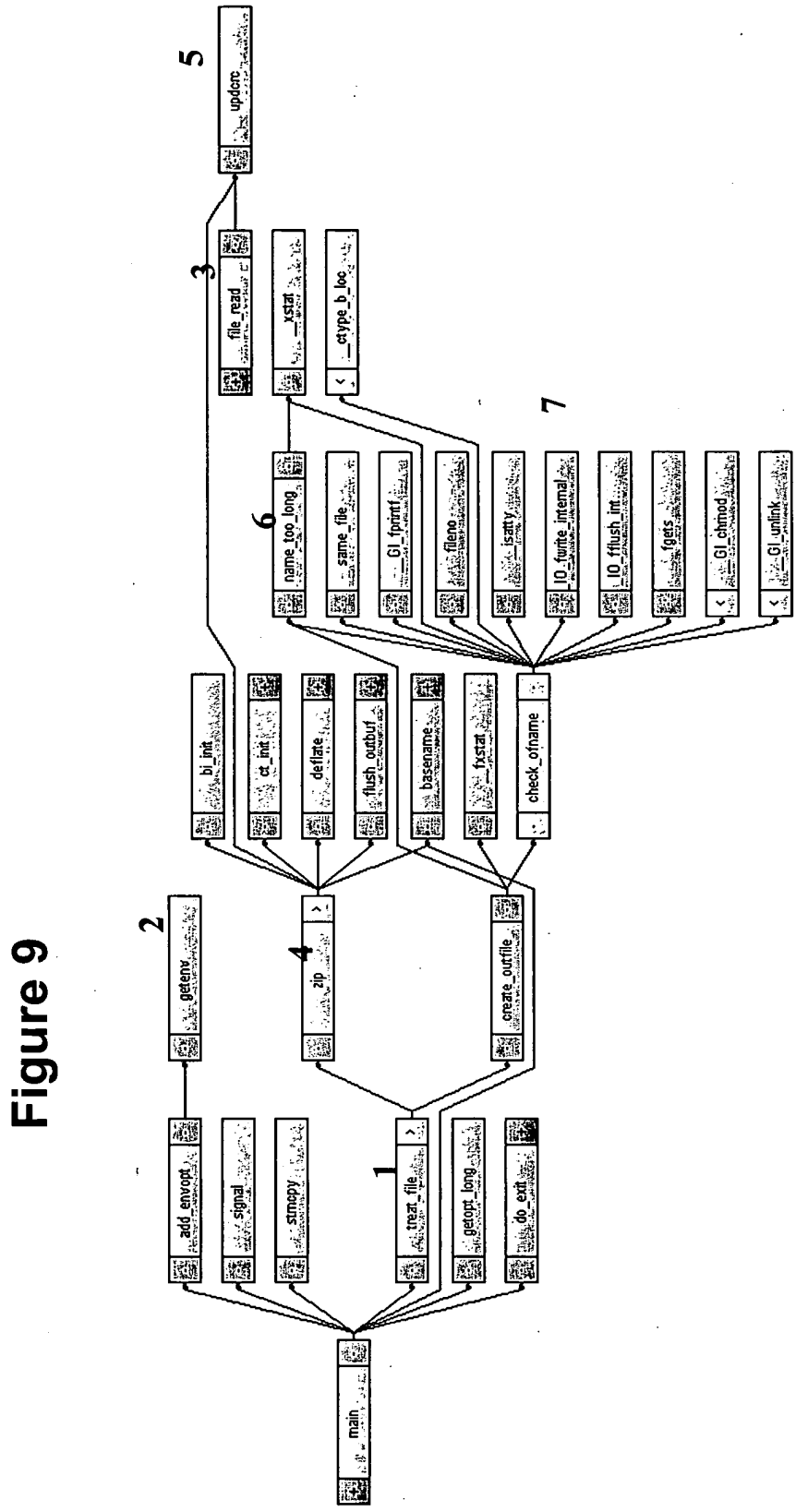
main
add_envopt
signal
simopy
treat_file
getopt_long
do_ext
getenv
zip
create_outfile
bi_init
ct_init
deflate
flush_outbuf
basename
fxstat
check_ofname
file_read
__xstat
__ctype_b_loc
name_too_long
same_file
__GI_fprintf
fileno
__isatty
IO_fwrite_internal
IO_fflush_int
fgets
__GI_chmod
__GI_unlink
updorc
1
2
3
4
5
6
7

Figure 9

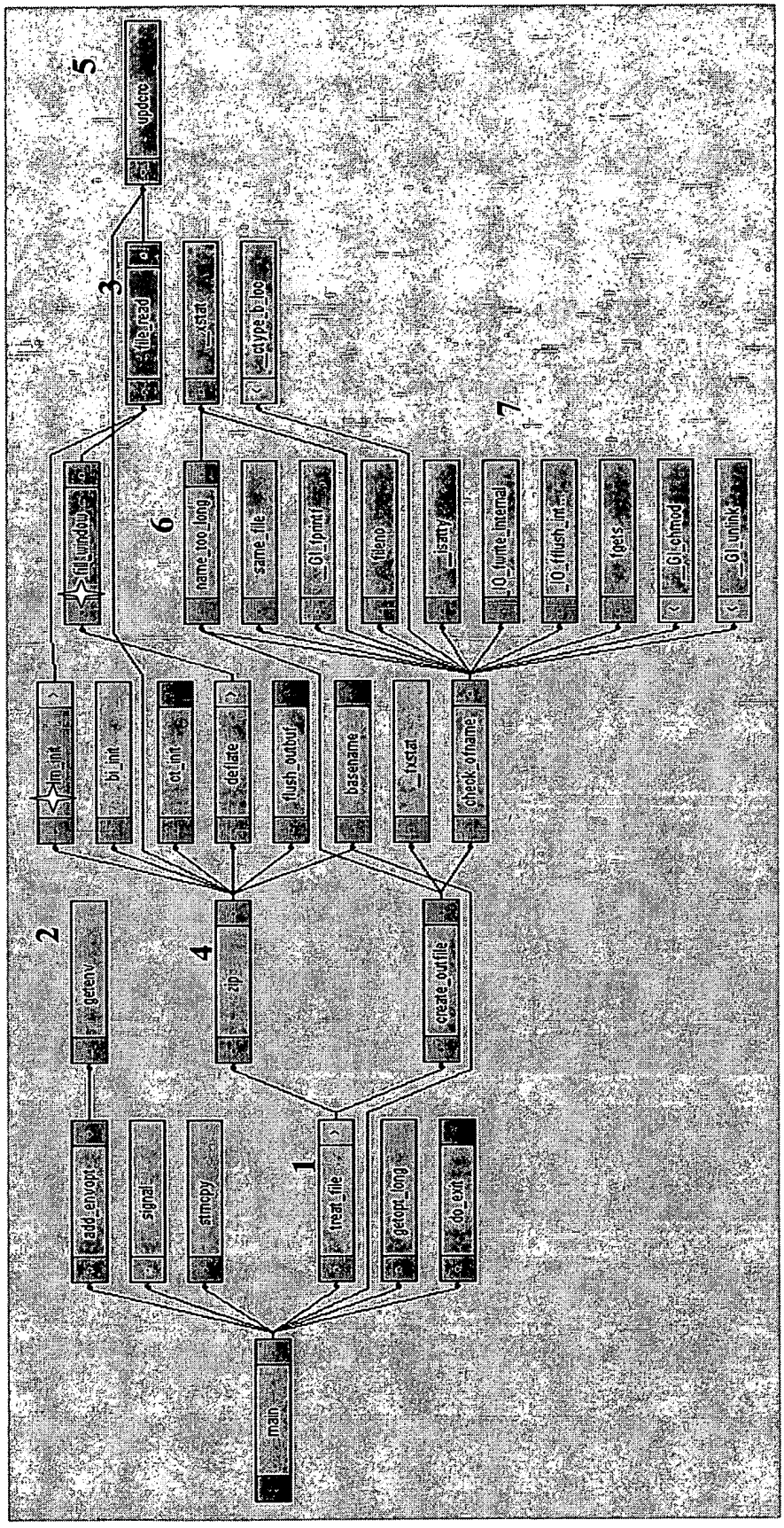
5
3
6
7
2
4
1
update
fileread
_xstat
_ctype_b_loc
fill_window
name_too_long
same_file
_GI_fprintf
fileno
__isatty
_IO_vtable_intemal
_IO_fflush_int...
fgets
_GI_chmod
_GI_unlink
im_init
bi_init
ct_init
deflate
flush_outbuf
basename
__lxstat
check_ofname
getenv
zip
create_outfile
add_envopt
signal
strncpy
treat_file
getopt_long
do_exit
main

Figure 10